SEQUENCE LISTING

<110>   Clinovation

<120>   A Recombinant Allergen

<130>   REG/G20580WO

<160>   15

<170>   PatentIn version 3.1

<210>   1
<211>   70
<212>   PRT
<213>   Felis catus

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Glu Ile Cys Pro Ala Val Lys Arg Asp Val Asp Leu Phe Leu Thr Gly
1               5                   10                  15


Thr Pro Asp Glu Tyr Val Glu Gln Val Ala Gln Tyr Lys Ala Leu Pro
                20                  25                  30


Val Val Leu Glu Asn Ala Arg Ile Leu Lys Asn Cys Val Asp Ala Lys
            35                  40                  45


Met Thr Glu Glu Asp Lys Glu Asn Ala Leu Ser Leu Leu Asp Lys Ile
        50                  55                  60


Tyr Thr Ser Pro Leu Cys
65                  70


<210>   2
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<212>   PRT
<213>   Felis catus

<400>   2

Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe Ala
1               5                   10                  15


Val Ala Asn Gly Asn Glu Leu Leu Leu Asp Leu Ser Leu Thr Lys Val
                20                  25                  30


Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp Cys
            35                  40                  45


Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val Met
        50                  55                  60

Thr Thr Ile Ser Ser Ser Lys Asp Cys Met Gly Glu Ala Val Gln Asn
65                  70              75                  80


Thr Val Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg
                85              90


<210>    3
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<212>    PRT
<213>    Felis catus

<400>    3

Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe Ala
1                   5               10                  15


Val Ala Asn Gly Asn Glu Leu Leu Leu Asp Leu Ser Leu Thr Lys Val
                20              25                  30


Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp Cys
            35              40                  45


Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val Met
    50                  55              60


Ile Ala Ile Asn Glu Tyr Cys Met Gly Glu Ala Val Gln Asn Thr Val
65                  70              75                  80


Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg
                85              90


<210>    4
<211>    172
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<213>    Artificial

<220>
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<400>    4

Met Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe
1                   5               10                  15


Ala Val Ala Asn Gly Asn Glu Leu Leu Leu Asp Leu Ser Leu Thr Lys
                20              25                  30


Val Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp
            35              40                  45

```
Cys Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val
    50                  55              60

Met Thr Thr Ile Ser Ser Ser Lys Asp Cys Met Gly Glu Ala Val Gln
65                  70              75                  80

Asn Thr Val Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg Glu Ile Cys
                85              90                  95

Pro Ala Val Lys Arg Asp Val Asp Leu Phe Leu Thr Gly Thr Pro Asp
                100             105             110

Glu Tyr Val Glu Gln Val Ala Gln Tyr Lys Ala Leu Pro Val Val Leu
        115             120             125

Glu Asn Ala Arg Ile Leu Lys Asn Cys Cys Val Asp Ala Lys Met Thr
    130             135             140

Glu Glu Asp Lys Glu Asn Ala Leu Ser Leu Leu Asp Lys Ile Tyr Thr
145             150             155             160

Ser Pro Leu Cys Leu Glu His His His His His His
            165             170
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<210>  5
<211>  85
<212>  DNA
<213>  Artificial

<220>
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gtacatatgg aaatctgccc ggctgttaaa cgtgacgttg acctgttcct gaccggtacc      60

ccggacgaat acgttgaaca ggttg                                           85


<210>  6
<211>  68
<212>  DNA
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<220>
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ggcagagctt tgtactgagc aacctgttca cgtattcgt ccgggtgagc aacctgttca      60

acgtattc                                                             68
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<210>   7
<211>   76
<212>   DNA
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tgctcagtac aaagctctgc cggttgttct ggaaaacgct cgtatcctga aaaactgcgt        60

tgacgctaaa atgacc                                                        76


<210>   8
<211>   89
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cctctcgagg cacagcgggg aggtgtagat tttgtccagc agggacagag cgttttcttt        60

gtcttcttcg gtcattttag cgtcaacgc                                          89


<210>   9
<211>   76
<212>   DNA
<213>   Artificial

<220>
<223>   synthetic construct

<400>   9
gtacatatgg ttaaaatggc tgaaacctgc ccgatcttct acgacgtttt cttcgctgtt        60

gctaacggta acgaac                                                        76


<210>   10
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<212>   DNA
<213>   Artificial

<220>
<223>   synthetic construct

<400>   10
ggtacgttcc ggttcggtag cgttaacttt ggtcagggac aggtccagca gcagttcgtt        60

accgttagca acagc                                                         75


<210>   11
<211>   80
<212>   DNA
<213>   Artificial
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<400>  11
ctaccgaacc ggaacgtacc gctatgaaaa aaatccagga ctgctacgtt gaaaacggtc    60

tgatctcccg tgttctggac                                                80
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<212>  DNA
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gcttcaccca tgcagtcttt ggaggaggag atggtggtca taaccagacc gtccagaaca    60

cgggagatca g                                                         71
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<210>  13
<211>  75
<212>  DNA
<213>  Artificial

<220>
<223>  synthetic construct

<400>  13
caaagactgc atgggtgaag ctgttcagaa caccgttgaa gacctgaaac tgaacaccct    60

gggtcgctcg agagg                                                     75
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<211>  22
<212>  DNA
<213>  Artificial

<220>
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<400>  14
cctctcgaga cgacccaggg tg                                             22
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<210>  15
<211>  45
<212>  DNA
<213>  Artificial

<220>
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cgtttaacag ccgggcagat ttcacgaccc agggtgttca gtttc                    45
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